

## Abstract

[Problem to be solved]        The present invention is to provide an internal member of a plasma processing vessel which is capable of suppressing peeling off of a thermally sprayed film formed as a top coat layer.

[Solution]            A barrier coat layer 73 including a material with excellent corrosion resistance against a processing gas including a halogen element is formed between a base material 71 and a thermally sprayed film 72, and the barrier coat layer 73 is sealed by a resin or a sol-gel method.

[Selected Figure]        Fig. 2